



Dale Haines  
Operations Manager

**Chevron North America  
Exploration and Production**  
3800 Centerpoint Drive  
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Anchorage, Alaska 99503  
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Email daleah@chevron.com

March 16, 2009

Mr. Chae Park  
U.S. Environmental Protection Agency  
Region 10, Water Compliance Section  
1200 Sixth Avenue, OW-133  
Seattle, WA 98101

RECEIVED

MAR 17 2009

DEC

Division of Water Quality  
Wastewater Discharge Permit Section

RETURN RECEIPT REQUESTED  
CERTIFIED MAIL 7006 3450 0000 0081 3124

Re: NPDES Permit No. AKG-31-5002  
Trading Bay Production Facility February 2009 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the February 2009 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at [mmjones@chevron.com](mailto:mmjones@chevron.com).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

Dale Haines

cc: ADEC / Certified Mail 7006 3450 0000 0081 3131

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

RECEIVED

OMB No. 2040-0004

MAR 17 2009

DEC

Division of Water Quality

NOTE: Read instructions before completing this form.

NAME Union Oil Company of California  
ADDRESS Attn: John Zager  
P.O. Box 196247  
Anchorage, AK 99519-6247  
FACILITY Trading Bay Production Facility  
LOCATION Cook Inlet, Alaska

AKG-31-5002  
PERMIT NUMBER

015  
DISCHARGE NUMBER

MONITORING PERIOD  
YEAR MO DAY TO YEAR MO DAY  
09 02 01 TO 09 02 28

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-61)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
015 Produced Water Flow Rate*	SAMPLE MEASUREMENT PERMIT REQUIREMENT	3.769365	3.942666	MGD					Weekly	Estimate
015 Produced Water Produced Sand	SAMPLE MEASUREMENT PERMIT REQUIREMENT			MGD			No Discharge		Weekly	Estimate
015 Produced Water pH** Flow Rate >1 mgd	SAMPLE MEASUREMENT PERMIT REQUIREMENT				7.4		7.8	su	4 / month	Grab
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT PERMIT REQUIREMENT				6		9	su	Weekly	Grab
015 Produced Water Copper	SAMPLE MEASUREMENT PERMIT REQUIREMENT					19	20	mg/l	4 / month	Grab Average
015 Produced Water Manganese	SAMPLE MEASUREMENT PERMIT REQUIREMENT					29	42	mg/l	Weekly	Grab Average
015 Produced Water Mercury	SAMPLE MEASUREMENT PERMIT REQUIREMENT					14	14	µg/l	Monthly	Grab
015 Produced Water Silver	SAMPLE MEASUREMENT PERMIT REQUIREMENT					47	117	µg/l	Monthly	Grab
015 Produced Water Zinc	SAMPLE MEASUREMENT PERMIT REQUIREMENT					2	2	mg/l	Monthly	Grab
						25	50	mg/l	Monthly	Grab
						0.2	0.2	µg/l	Monthly	Grab
						0.6	1.0	µg/l	Monthly	Grab
						1	1	µg/l	Monthly	Grab
						23	47	µg/l	Monthly	Grab
						0.01	0.01	mg/l	Monthly	Grab
						0.9	1.9	mg/l	Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Zager  
General Manager  
Mid Continent/Alaska Business Unit

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF  
PRINCIPAL EXECUTIVE OFFICER  
OR AUTHORIZED AGENT

Dale A. Haines

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TELEPHONE

(907) 276-7600

AREA CODE NUMBER YEAR MO DA

See Trading Bay Production Facility Page 3 of 3 for comments.

PERMITTEE NAME/ADDRESS (include Facility Name/Location if Different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

NAME Union Oil Company of California  
ADDRESS Attn: John Zager  
P.O. Box 196247  
Anchorage, AK 99519-6247  
FACILITY Trading Bay Production Facility  
LOCATION Cook Inlet, Alaska

(2-16)  
AKG-31-5002  
PERMIT NUMBER

(17-19)  
015  
DISCHARGE NUMBER

MONITORING PERIOD  
YEAR MO DAY  
09 02 01

TO  
YEAR MO DAY  
09 02 28

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		QUANTITY OR LOADING (3 Card Only) (46-53)			QUALITY OR CONCENTRATION (4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)							
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS										
015 Produced Water TAH	SAMPLE MEASUREMENT					8	8	mg/L		Monthly	Grab							
	PERMIT REQUIREMENT																	
015 Produced Water TAqH	SAMPLE MEASUREMENT					18	27	mg/L		Monthly	Grab							
	PERMIT REQUIREMENT					8	8	mg/l		Monthly	Grab							
015 Produced Water Total Ammonia	SAMPLE MEASUREMENT					Report	Report	mg/L		Monthly	Grab							
	PERMIT REQUIREMENT					No Sample	No Sample	mg/l		Quarterly	Grab							
015 Produced Water Whole Effluent Toxicity Mytilus galloprovincialis	SAMPLE MEASUREMENT					Report	Report	mg/l		Quarterly	Grab							
	PERMIT REQUIREMENT					No Sample	No Sample	TUC		Annually	Grab							
015 Produced Water Whole Effluent Toxicity ***** Strongylocentrotus purpuratus	SAMPLE MEASUREMENT					283	568	TUC		Annually	Grab							
	PERMIT REQUIREMENT					185	185	TUC		Quarterly	Grab							
015 Produced Water Whole Effluent Toxicity Strongylocentrotus purpuratus	SAMPLE MEASUREMENT					283	568	TUC		Quarterly	Grab							
	PERMIT REQUIREMENT					143	143	TUC		Quarterly	Grab							
015 Produced Water Whole Effluent Toxicity Meridia beryllina	SAMPLE MEASUREMENT					283	568	TUC		Quarterly	Grab							
	PERMIT REQUIREMENT					No Sample	No Sample	TUC		Annually	Grab							
						283	568	TUC		Annually	Grab							
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							TELEPHONE		DATE							
John Zager General Manager Mid Continent/Alaska Business Unit									(907) 276-7600		09 03 16							
TYPED OR PRINTED		See Trading Bay Production Facility Page 3 of 3 for comments.							AREA CODE		NUMBER		YEAR		MO		DA	
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)																		

PERMITTEE NAME/ADDRESS (Include Facility Name/Location, if Different)

NAME Union Oil Company of California  
 ADDRESS Attn: John Zager  
 P.O. Box 196247  
 Anchorage, AK 99519-6247  
 FACILITY Trading Bay Production Facility  
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

(2-16)  
 AKG-31-5002  
 PERMIT NUMBER

(17-19)  
 015  
 DISCHARGE NUMBER

MONITORING PERIOD  
 YEAR MO DAY  
 09 02 01  
 (20-21) (22-23) (24-25)

TO


YEAR MO DAY  
 09 02 28  
 (26-27) (28-29) (30-31)

OMB No. 2040-0004

NOTE: Read instructions before completing this form.

COMMENTS PAGE 3 OF 3

- \* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.
- \*\* Frequency of pH measurement has been increased to more closely monitor water quality.
- \*\*\* Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.
- \*\*\*\* Identified as the most sensitive species.
- \*\*\*\*\* In accordance with III.A.7.c, the fourth of four bi-weekly accelerated WET tests, initiated on 12/29/08, was sampled on 02/03/09.

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John Zager General Manager Mid Continent/Alaska Business Unit						(907) 276-7600		09 03 16		
TYPED OR PRINTED						AREA CODE	NUMBER	YEAR	MO	DA
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)										